

	Ref #	Hits	Search Text	DBs	Time Stamp
1	S4	437	reformer and hydrogen and oxygen and S3	US-PGPUB; USPAT; USOCR	2007/07/16 10:02
2	S11	0	S10 and permeable with hydrogen with diaphragm	US-PGPUB; USPAT; USOCR	2007/07/12 16:51
3	S7	15	enrichment device and S2 and reformer	US-PGPUB; USPAT; USOCR	2007/07/12 15:46
4	S12	6	S10 and permeable with hydrogen	US-PGPUB; USPAT; USOCR	2007/07/12 16:51
5	S5	1	circulator and separator and S4	US-PGPUB; USPAT; USOCR	2007/07/16 10:13
6	S8	53	(thomas beckman or christian duelk or arnold lamm or thomas poschmann or jochen schaefer).in.	US-PGPUB; USPAT; USOCR	2007/07/12 16:10
7	S3	1372	(422/234,187 or 429/19).cccls. and S2	US-PGPUB; USPAT; USOCR	2007/07/12 12:25
8	S9	33	(thomas beckman or christian duelk or arnold lamm or thomas poschmann or jochen schaefer).in. and S2	US-PGPUB; USPAT; USOCR	2007/07/16 11:29
9	S6	10	S2 and circulator and reformer and hydrogen and oxygen and separator and enrich\$4	US-PGPUB; USPAT; USOCR	2007/07/12 15:43
10	S1	1	10/820188	US-PGPUB; USPAT; USOCR	2007/07/16 10:10
11	S10	58	S6 or S7 or S9	US-PGPUB; USPAT; USOCR	2007/07/12 16:48
12	S2	4199424	@ad<="20030407"	US-PGPUB; USPAT; USOCR	2007/07/12 12:15
13	S17	11	S15 and enrichment	US-PGPUB; USPAT; USOCR	2007/07/16 10:03

	Ref #	Hits	Search Text	DBs	Time Stamp
14	S15	137	S14 and (recirculat\$3 or circulat\$3) and reformer and separat\$3	US-PGPUB; USPAT; USOCR	2007/07/16 12:39
15	S13	4199424	@ad<="20030407"	US-PGPUB; USPAT; USOCR	2007/07/16 10:02
16	S47	8	S44 and circulat\$4	US-PGPUB; USPAT; USOCR	2007/07/16 12:30
17	S48	99	("48" or "429" or "422" or "73" or "436" or "95").clas. and S13 and reformer and fuel cell and (separator or separation unit) and (circulat\$3 or recirculat\$3) with hydrogen	US-PGPUB; USPAT; USOCR	2007/07/16 12:42
18	S19	81	S13 and diaphragm with permeable with hydrogen	US-PGPUB; USPAT; USOCR	2007/07/16 10:07
19	S16	43	S15 and enrich\$3	US-PGPUB; USPAT; USOCR	2007/07/16 10:03
20	S14	1372	(422/234,187 or 429/19).ccls. and S13	US-PGPUB; USPAT; USOCR	2007/07/16 10:02
21	S18	8	S15 and diaphragm	US-PGPUB; USPAT; USOCR	2007/07/16 10:06
22	S20	0	S13 and diaphragm with permeable with hydrogen and reformer	US-PGPUB; USPAT; USOCR	2007/07/16 10:07
23	S21	7	S13 and diaphragm with permeable with hydrogen and fuel cell	US-PGPUB; USPAT; USOCR	2007/07/16 10:07
24	S23	4	(US-20020085963-\$).did. or (US-4681745-\$ or US-6106963-\$ or US-6332913-\$).did.	US-PGPUB; USPAT	2007/07/16 10:11
25	S24	3	S23 and pump	US-PGPUB; USPAT	2007/07/16 10:13
26	S25	1	("20030168263").PN.	US-PGPUB; USPAT	2007/07/16 10:13

	Ref #	Hits	Search Text	DBs	Time Stamp
27	S26	5	(US-20020085963-\$ or US-20030168263-\$).did. or (US-4681745-\$ or US-6106963-\$ or US-6332913-\$).did.	US-PGPUB; USPAT	2007/07/16 10:13
28	S27	4	S26 and pump	US-PGPUB; USPAT	2007/07/16 10:15
29	S32	674	autothermal reformer	US-PGPUB; USPAT	2007/07/16 10:17
30	S33	64	autothermal reformer.ab.	US-PGPUB; USPAT	2007/07/16 10:22
31	S22	1	("6332913").PN.	US-PGPUB; USPAT	2007/07/16 10:10
32	S34	48	autothermal reformer and S13 and recirculat\$3 and separat\$3	US-PGPUB; USPAT	2007/07/16 10:35
33	S35	48	95/55.ccls. and reformer	US-PGPUB; USPAT	2007/07/16 10:36
34	S28	4	S26 and steam	US-PGPUB; USPAT	2007/07/16 10:15
35	S29	0	S26 and autothermal	US-PGPUB; USPAT	2007/07/16 10:16
36	S31	1	S30 and autothermal	US-PGPUB; USPAT	2007/07/16 10:17
37	S36	21	95/55.ccls. and reformer and separat\$3 and recirculat\$3	US-PGPUB; USPAT	2007/07/16 10:36
38	S37	20	95/55.ccls. and reformer and separat\$3 and recirculat\$3 and S13	US-PGPUB; USPAT	2007/07/16 10:38
39	S39	36	"95".clas. and reformer and separat\$3 and recirculat\$3 and S13 not S37	US-PGPUB; USPAT	2007/07/16 10:38
40	S40	6	09/294679	US-PGPUB; USPAT; USOCR	2007/07/16 11:30

	Ref #	Hits	Search Text	DBs	Time Stamp
41	S43	1	("20030168263").PN.	US-PGPUB; USPAT	2007/07/16 12:00
42	S44	13	(US-20020085963-\$ or US-20030168263-\$).did. or (US-4681745-\$ or US-6106963-\$ or US-6332913-\$ or US-4836833-\$ or US-6159272-\$ or US-6759153-\$ or US-6551731-\$ or US-6521366-\$ or US-6423435-\$ or US-6311650-\$ or US-5981096-\$).did.	US-PGPUB; USPAT	2007/07/16 12:00
43	S38	56	"95".clas. and reformer and separat\$3 and recirculat\$3 and S13	US-PGPUB; USPAT	2007/07/16 10:38
44	S46	1	"20020085963".pn. and separat\$3 with hydrogen and circulat\$3	US-PGPUB; USPAT; USOCR	2007/07/16 12:11
45	S41	1	("6609582").PN.	US-PGPUB; USPAT	2007/07/16 11:31
46	S42	1	("20020085963").PN.	US-PGPUB; USPAT	2007/07/16 11:59
47	S45	8	S44 and separat\$3 with hydrogen	US-PGPUB; USPAT; USOCR	2007/07/16 12:11
48	S30	1	10/820188	US-PGPUB; USPAT; USOCR	2007/07/16 12:29
49	S49	19	("48" or "429" or "422" or "73" or "436" or "95").clas. and S13 and reformer.ab. and fuel cell and (separator or separator unit) and (circulat\$3 or recirculat\$3) with hydrogen	US-PGPUB; USPAT; USOCR	2007/07/16 12:43

	Ref #	Hits	Search Text	DBs	Time Stamp
50	S50	14	(US-20020085963-\$ or US-20030168263-\$).did. or (US-6521366-\$ or US-6106963-\$ or US-4681745-\$ or US-6332913-\$ or US-4836833-\$ or US-6159272-\$ or US-6759153-\$ or US-6551731-\$ or US-6311650-\$ or US-5981096-\$ or US-6423435-\$ or US-6893755-\$).did.	US-PGPUB; USPAT	2007/07/24 15:24
51	S52	628	429/247.ccls.	US-PGPUB; USPAT; USOCR	2007/07/24 15:30
52	S53	4200828	@ad<="20030407"	US-PGPUB; USPAT; USOCR	2007/07/24 15:30
53	S51	10	S50 and fuel cell	US-PGPUB; USPAT; USOCR	2007/07/24 15:29
54	S54	292	429/247.ccls. and S53	US-PGPUB; USPAT; USOCR	2007/07/24 15:31
55	S55	29	S54 and (recirculat\$3 or circulat\$3)	US-PGPUB; USPAT; USOCR	2007/07/24 15:34
56	S56	68278	"431".clas.	US-PGPUB; USPAT; USOCR	2007/07/24 15:34
57	S60	2470	S56 and S53 and S59	US-PGPUB; USPAT; USOCR	2007/07/24 15:52
58	S58	99114	"422".clas.	US-PGPUB; USPAT; USOCR	2007/07/24 15:46
59	S59	670691	Circulat\$3 or recirculat\$3	US-PGPUB; USPAT; USOCR	2007/07/24 15:51
60	S57	52040	"429".clas.	US-PGPUB; USPAT; USOCR	2007/07/24 15:46
61	S61	21	S60 and reformer and separate	US-PGPUB; USPAT; USOCR	2007/07/24 15:55

	Ref #	Hits	Search Text	DBs	Time Stamp
62	S72	14	egr.ab. and S53 and separator	US-PGPUB; USPAT; USOCR	2007/07/24 16:26
63	S73	3	(enrichment device or enricher) with hydrogen and S53 and (S56 or S57 or S58)	US-PGPUB; USPAT; USOCR	2007/07/24 16:27
64	S74	15	(US-20020085963-\$ or US-20030168263-\$ or US-20070065688-\$).did. or (US-6521366-\$ or US-6106963-\$ or US-4681745-\$ or US- 6332913-\$ or US-4836833-\$ or US-6159272-\$ or US-6759153-\$ or US-6551731-\$ or US- 6311650-\$ or US-5981096-\$ or US-6423435-\$ or US-6893755-\$).did.	US-PGPUB; USPAT	2007/07/24 16:28
65	S63	503	S53 and S57 and S59 and reformer and separate	US-PGPUB; USPAT; USOCR	2007/07/25 09:50
66	S65	189	S60 and separator not S61	US-PGPUB; USPAT; USOCR	2007/07/24 15:56
67	S62	0	S60 and reformer and separator not S61	US-PGPUB; USPAT; USOCR	2007/07/24 15:56
68	S77	24	diaphragm and S63	US-PGPUB; USPAT; USOCR	2007/07/24 16:58
69	S81	46	autothermal reformer and S63	US-PGPUB; USPAT; USOCR	2007/07/24 17:05
70	S64	147	S53 and S58 and S59 and reformer and separate	US-PGPUB; USPAT; USOCR	2007/07/24 16:10
71	S66	2	egr with reformer and (S56 or S57 or S58)	US-PGPUB; USPAT; USOCR	2007/07/24 16:14
72	S67	96	egr and (S56 or S57 or S58) and S53	US-PGPUB; USPAT; USOCR	2007/07/24 16:20

	Ref #	Hits	Search Text	DBs	Time Stamp
73	S70	0	(egr and reformer).ab. and S53	US-PGPUB; USPAT; USOCR	2007/07/24 16:23
74	S71	0	(egr).ab. and S53 and reformer	US-PGPUB; USPAT; USOCR	2007/07/24 16:23
75	S68	2	egr with reformer and S53 not S66	US-PGPUB; USPAT; USOCR	2007/07/24 16:22
76	S69	896	egr.ab. and S53	US-PGPUB; USPAT; USOCR	2007/07/24 16:23
77	S76	5	enrich\$4 with hydrogen and S74	US-PGPUB; USPAT; USOCR	2007/07/24 16:29
78	S75	8	enrich\$4 and S74	US-PGPUB; USPAT; USOCR	2007/07/24 16:29
79	S78	8	diaphragm with hydrogen and S63	US-PGPUB; USPAT; USOCR	2007/07/24 17:03
80	S80	88	autothermal and S63	US-PGPUB; USPAT; USOCR	2007/07/24 17:05
81	S79	17	gas pump and S63	US-PGPUB; USPAT; USOCR	2007/07/24 17:05
82	S82	6	09/294679	US-PGPUB; USPAT; USOCR	2007/07/25 09:48



	Ref #	Hits	Search Text	DBs	Time Stamp
83	S83	20	(US-20030168263-\$ or US-20020085963-\$ or US-20030008186-\$ or US-20030138681-\$ or US-20070065688-\$ or US-20030143441-\$).did. or (US-6551731-\$ or US-6893755-\$ or US-6759153-\$ or US-6423435-\$ or US-6521366-\$ or US-6332913-\$ or US-6311650-\$ or US-6159272-\$ or US-6106963-\$ or US-4681745-\$ or US-5981096-\$ or US-4836833-\$ or US-7045229-\$ or US-6609582-\$).did.	US-PGPUB; USPAT	2007/07/25 09:50
84	S84	4200828	@ad<="20030407"	US-PGPUB; USPAT; USOCR	2007/07/25 09:50
85	S85	52040	"429".clas.	US-PGPUB; USPAT; USOCR	2007/07/25 09:50
86	S87	503	S84 and S85 and S86 and reformer and separate	US-PGPUB; USPAT; USOCR	2007/07/25 09:50
87	S86	670691	circulat\$3 or recirculat\$3	US-PGPUB; USPAT; USOCR	2007/07/25 09:50
88	S88	2	S83 and hydrogen enrichment	US-PGPUB; USPAT; USOCR	2007/07/25 10:39
89	S89	0	S87 and hydrogen enrichment device	US-PGPUB; USPAT; USOCR	2007/07/25 09:57
90	S90	1	("4461224").PN.	US-PGPUB; USPAT	2007/07/25 09:57
91	S104	2	shift stage and S87	US-PGPUB; USPAT; USOCR	2007/07/25 13:48
92	S92	1	10/820188	US-PGPUB; USPAT; USOCR	2007/07/25 13:42



	Ref #	Hits	Search Text	DBs	Time Stamp
93	S106	1	("6063515").PN.	US-PGPUB; USPAT	2007/07/25 13:52
94	S91	0	S90 and diaphragm	US-PGPUB; USPAT; USOCR	2007/07/25 09:58
95	S98	8	(S83 or S87) and diaphragm with hydrogen	US-PGPUB; USPAT; USOCR	2007/07/25 11:08
96	S93	0	S90 and pump	US-PGPUB; USPAT; USOCR	2007/07/25 10:01
97	S94	1	S90 and steam	US-PGPUB; USPAT; USOCR	2007/07/25 10:21
98	S95	1	("20020085963").PN.	US-PGPUB; USPAT	2007/07/25 10:31
99	S96	1	("20030168263").PN.	US-PGPUB; USPAT	2007/07/25 10:31
100	S97	15	(S83 or S87) and enrich\$4 device	US-PGPUB; USPAT; USOCR	2007/07/25 10:51
101	S99	46	(S83 or S87) and autothermal reformer	US-PGPUB; USPAT; USOCR	2007/07/25 11:12
102	S100	38	(S83 or S87) and autothermal reformer and (circulat\$3 or recirculat\$3) same hydrogen	US-PGPUB; USPAT; USOCR	2007/07/25 11:14
103	S101	16	(S83 or S87) and autothermal reformer and (circulat\$3 or recirculat\$3) same hydrogen same separat\$3	US-PGPUB; USPAT; USOCR	2007/07/25 11:14
104	S102	11	(S83 or S87) and autothermal reformer and (circulat\$3 or recirculat\$3) with hydrogen same separat\$3	US-PGPUB; USPAT; USOCR	2007/07/25 13:31
105	S103	1	("20040142215").PN.	US-PGPUB; USPAT	2007/07/25 13:31

	Ref #	Hits	Search Text	DBs	Time Stamp
106	S105	2	shift stage and S87 and enrich\$4	US-PGPUB; USPAT; USOCR	2007/07/25 13:51
107	S107	1	("4461224").PN.	US-PGPUB; USPAT	2007/07/25 13:52
108	S108	4	("4461224").URPN.	USPAT	2007/07/25 13:52
109	S109	10	("2800172"   "3287902"   "3837820"   "4331638").PN. OR ("4461224").URPN.	US-PGPUB; USPAT; USOCR	2007/07/25 13:52
110	S110	1	10/820188	US-PGPUB; USPAT; USOCR	2007/07/26 10:17
111	S111	1	("6332913").PN.	US-PGPUB; USPAT	2007/07/26 10:20
112	S112	380	(membrane with gas separation).ab.	US-PGPUB; USPAT; USOCR	2007/07/26 10:18
113	S113	19	(membrane with gas separation).ab. and reformer	US-PGPUB; USPAT; USOCR	2007/07/26 10:18
114	S114	3	((("4461224") or ("20020085963") or ("20040142215")).PN.	US-PGPUB; USPAT	2007/07/26 10:20
115	S115	2	membrane and S114	US-PGPUB; USPAT; USOCR	2007/07/26 10:25
116	S116	1	("20030170514").PN.	US-PGPUB; USPAT	2007/07/26 10:25

	Ref #	Hits	Search Text	DBs	Time Stamp
117	S117	21	(US-20030168263-\$ or US-20070065688-\$ or US-20030143441-\$ or US-20030138681-\$ or US-20030008186-\$ or US-20020085963-\$).did. or (US-6609582-\$ or US-7045229-\$ or US-6551731-\$ or US-6893755-\$ or US-6759153-\$ or US-6423435-\$ or US-6521366-\$ or US-6311650-\$ or US-6332913-\$ or US-6106963-\$ or US-6159272-\$ or US-4836833-\$ or US-5981096-\$ or US-4681745-\$ or US-6063515-\$).did.	US-PGPUB; USPAT	2007/07/26 10:28
118	S118	1	S117 and autothermal reformer	US-PGPUB; USPAT; USOCR	2007/07/26 10:29
119	S121	1	auxiliary power and S117	US-PGPUB; USPAT; USOCR	2007/07/26 10:32
120	S120	5	auxiliary and S117	US-PGPUB; USPAT; USOCR	2007/07/26 10:52
121	S122	1	("20030008186").PN.	US-PGPUB; USPAT	2007/07/26 10:57
122	S123	4200845	@ad<="20030407"	US-PGPUB; USPAT; USOCR	2007/07/26 10:57
123	S124	52080	"429".clas.	US-PGPUB; USPAT; USOCR	2007/07/26 10:57
124	S119	8	(gasoline or diesel) and S117	US-PGPUB; USPAT; USOCR	2007/07/26 10:31
125	S125	671223	circulat\$3 or recirculat\$3	US-PGPUB; USPAT; USOCR	2007/07/26 10:57
126	S126	503	S123 and S124 and S125 and reformer and separate	US-PGPUB; USPAT; USOCR	2007/07/26 10:57

	Ref #	Hits	Search Text	DBs	Time Stamp
127	S127	23	S126 and auxiliary power	US-PGPUB; USPAT; USOCR	2007/07/26 10:58
128	S128	10	S126 and auxiliary power unit	US-PGPUB; USPAT; USOCR	2007/07/26 10:58
129	S129	9	S126 and auxiliary power unit and (vehicle or automobile)	US-PGPUB; USPAT; USOCR	2007/07/26 12:00
130	S130	1	("20030170514").PN.	US-PGPUB; USPAT	2007/07/26 12:06
131	S131	1	("7041272").PN.	US-PGPUB; USPAT	2007/07/26 12:06